GenCore version 5.1.6

protein - protein search, using sw model

on: December 16, 2003, 09:57:37 ; Search time 14.5 Seconds
(without alignments)
26.262 Million cell updates/sec

le: US-09-919-048-148
fect score: 57
uence: 1 GRWPWQVSL 9

ring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

rched: 328717 seqs, 42310858 residues

al number of hits satisfying chosen parameters: 328717

m DB seq length: 0
imum DB seq length: 2000000000

t-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

abase : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ılt No.	Score	% Query Match	Length	DB	ID	Description
1	57	100.0	9	3	US-09-510-738A-148	Sequence 148, App
2	57	100.0	9	4	US-09-861-966-148	Sequence 148, App
3	57	100.0	255	3	US-08-944-483-67	Sequence 67, Appl
4	57	100.0	256	2	US-09-027-337-3	Sequence 3, Appli
5	57	100.0	256	4	US-09-644-600-3	Sequence 3, Appli
6	57	100.0	376	4	US-09-820-002-2	Sequence 2, Appli
7	57	100.0	416	2	US-09-000-846-2	Sequence 2, Appli
8	57	100.0	417	4	US-09-820-002-4	Sequence 4, Appli
9	52	91.2	233	4	US-09-636-382A-24	Sequence 24, Appl
10	52	91.2	248	3	US-08-944-483-63	Sequence 63, Appl
11	52	91.2	258	4	US-09-023-942A-8	Sequence 8, Appli
12	52	91.2	312	4	US-09-636-382A-15	Sequence 15, Appl
13	52	91.2	314	4	US-09-636-382A-2	Sequence 2, Appli
14	52	91.2	356	2	US-08-681-151-1	Sequence 1, Appli
15	52	91.2	638	2	US-08-681-151-3	Sequence 3, Appli
16	52	91.2	855	2	US-09-027-337-2	Sequence 2, Appli
17	52	91.2	855	4	US-09-644-600-2	Sequence 2, Appli
18	52	91.2	902	4	US-09-644-600-10	Sequence 10, Appl
19	51	89.5	20	1	US-08-508-448C-1	Sequence 1, Appli
20	51	89.5	20	2	US-08-385-540A-16	Sequence 16, Appl
21	51	89.5	20	2	US-08-600-273A-16	Sequence 16, Appl
22	51	89.5	20	3	US-08-486-820-16	Sequence 16, Appl
23	51	89.5	20	3	US-09-220-731-16	Sequence 16, Appl
24	51	89.5	228	1	US-08-278-091-10	Sequence 10, Appl
25	51	89.5	228	1	US-08-483-859-10	Sequence 10, Appl
26	51	89.5	228	1	US-08-472-173-10	Sequence 10, Appl
27	51	89.5	228	2	US-08-487-167-10	Sequence 10, Appl
28	51	89.5	228	2	US-08-482-816-10	Sequence 10, Appl
29	51	89.5	228	2	US-08-296-149-10	Sequence 10, Appl
30	51	89.5	228	2	US-08-801-499-10	Sequence 10, Appl
31	51	89.5	228	2	US-08-615-271-10	Sequence 10, Appl
32	51	89.5	228	3	US-09-074-660-10	Sequence 10, Appl
33	51	89.5	228	3	US-09-074-659-10	Sequence 10, Appl
34	51	89.5	228	3	US-09-106-468-10	Sequence 10, Appl
35	51	89.5	228	3	US-09-106-466A-10	Sequence 10, Appl
36	51	89.5	228	3	US-09-106-467-10	Sequence 10, Appl
37	51	89.5	229	2	US-08-557-146-13	Sequence 13, Appl
38	51	89.5	229	2	US-09-154-344-13	Sequence 13, Appl
39	51	89.5	230	3	US-08-944-483-62	Sequence 62, Appl
40	51	89.5	231	2	US-09-027-337-6	Sequence 6, Appli
41	51	89.5	231	4	US-09-644-600-6	Sequence 6, Appli
42	51	89.5	232	1	US-08-508-448C-19	Sequence 19, Appl
43	51	89.5	246	4	US-09-370-838-60	Sequence 60, Appl
44	51	89.5	283	3	US-08-807-151-1	Sequence 1, Appli
45	51	89.5	283	4	US-09-478-957-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-510-738A-148
; Sequence 148, Application US/09510738A
; Patent No. 6268165
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; TITLE OF INVENTION: Compositions and Methods for the Early Diagnosis of
; TITLE OF INVENTION: Ovarian Cancer
; FILE REFERENCE: D6223CIP-A
; CURRENT APPLICATION NUMBER: US/09/510,738A
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: 09/039,211
; PRIOR FILING DATE: 03-14-1998
; NUMBER OF SEQ ID NOS: 188
; SEQ ID NO 148
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Residues 172-180 of the hepsin protein
US-09-510-738A-148

Query Match 100.0%; Score 57; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.5e+05;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
|||||||||
Db 1 GRWPWQVSL 9

RESULT 2
US-09-861-966-148
; Sequence 148, Application US/09861966
; Patent No. 6518028
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; TITLE OF INVENTION: Compositions and Methods for the Early Diagnosis of
; TITLE OF INVENTION: Ovarian Cancer
; FILE REFERENCE: D6223CIP-A/Div
; CURRENT APPLICATION NUMBER: US/09/861,966
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 09/510,738
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 188
; SEQ ID NO 148
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:

OTHER INFORMATION: Residues 172-180 of the hepsin protein
9-861-966-148

ery Match 100.0%; Score 57; DB 4; Length 9;
st Local Similarity 100.0%; Pred. No. 2.5e+05;
tches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 GRWPWQVSL 9
1 GRWPWQVSL 9

LT 3
8-944-483-67
quence 67, Application US/08944483
tent No. 6232456
ENERAL INFORMATION:
APPLICANT: COHEN, MAURICE
PLICANT: COLPITTS, TRACEY L.
PLICANT: FRIEDMAN, PAULA N.
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: KLASS, MICHAEL R.
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STEWART, KENT D.
APPLICANT: STROUPE, STEVEN D.
TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
TITLE OF INVENTION: OF THE PROSTATE
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,483
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6183.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
NFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 255 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6232456e
3-944-483-67

ery Match 100.0%; Score 57; DB 3; Length 255;
st Local Similarity 100.0%; Pred. No. 0.12;
:ches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 GRWPWQVSL 9
10 GRWPWQVSL 18

RESULT 4
US-09-027-337-3
; Sequence 3, Application US/09027337B
; Patent No. 5972616
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Tanimoto, Hirotoshi
; TITLE OF INVENTION: TADG-15: An Extracellular Serine Protease Overexpressed in
; TITLE OF INVENTION: Breast and Ovarian Carcinomas
; FILE REFERENCE: D6064
; CURRENT APPLICATION NUMBER: US/09/027,337B
; CURRENT FILING DATE: 1998-02-20
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Serine protease catalytic domain of hepsin (Heps)
; OTHER INFORMATION: homologous to similar domain in TADG-15
US-09-027-337-3

Query Match 100.0%; Score 57; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
Db 11 GRWPWQVSL 19

RESULT 5
US-09-644-600-3
; Sequence 3, Application US/09644600
; Patent No. 6451500
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Tanimoto, Hirotoshi
; TITLE OF INVENTION: TADG-15: An Extracellular Serine Protease
; TITLE OF INVENTION: Overexpressed in Carcinomas
; FILE REFERENCE: D6064CIP/D
; CURRENT APPLICATION NUMBER: US/09/644,600
; CURRENT FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/421,213
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: 09/027,337
; PRIOR FILING DATE: 1998-02-20
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 3
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hepsin
US-09-644-600-3

Query Match 100.0%; Score 57; DB 4; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
Db 11 GRWPWQVSL 19

RESULT 6
US-09-820-002-2
; Sequence 2, Application US/09820002
; Patent No. 6482630
; GENERAL INFORMATION:
; APPLICANT: Gan, Weiniu
; APPLICANT: Ye, Jane

APPLICANT: DiFrancesco, Valentina
APPLICANT: Beasley, Ellen
ITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
ITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
ITLE OF INVENTION: USES THEREOF
ILE REFERENCE: CL001194
URRENT APPLICATION NUMBER: US/09/820,002
URRENT FILING DATE: 2001-03-29
UMBER OF SEQ ID NOS: 16
OFTWARE: FastSEQ for Windows Version 4.0
Q ID NO 2
LENGTH: 376
TYPE: PRT
ORGANISM: HUMAN
9-820-002-2

ery Match 100.0%; Score 57; DB 4; Length 376;
st Local Similarity 100.0%; Pred. No. 0.17;
tches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
||||||||||
Db 131 GRWPWQVSL 139

LT 7
9-000-846-2
equence 2, Application US/09000846
tent No. 5981830
ENERAL INFORMATION:
APPLICANT: WU, QINGYU
APPLICANT: SADLER, JASPER
TITLE OF INVENTION: KNOCKOUT MICE AND THEIR PROGENY WITH
TITLE OF INVENTION: DISRUPTED SERINE PROTEASE GENES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
STREET: 2200 CLARENDON BLVD. SUITE 1400
CITY: ARLINGTON
STATE: VA
COUNTRY: US
ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/000,846
FILING DATE: 30-DEC-1997
CLASSIFICATION: 800
RIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/866,058
FILING DATE: 30-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: LEBOVITZ, RICHARD M.
REGISTRATION NUMBER: 37,067
REFERENCE/DOCKET NUMBER: BERLX 65P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-243-6333
TELEFAX: 703-243-6410
NFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 416 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
9-000-846-2

ery Match 100.0%; Score 57; DB 2; Length 416;
st Local Similarity 100.0%; Pred. No. 0.19;
tches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
||||||||||
Db 171 GRWPWQVSL 179

RESULT 8
US-09-820-002-4
; Sequence 4, Application US/09820002
; Patent No. 6482630
; GENERAL INFORMATION:
; APPLICANT: Gan, Weiniu
; APPLICANT: Ye, Jane
; APPLICANT: DiFrancesco, Valentina
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL001194
; CURRENT APPLICATION NUMBER: US/09/820,002
; CURRENT FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 417
; TYPE: PRT
; ORGANISM: HUMAN
US-09-820-002-4

Query Match 100.0%; Score 57; DB 4; Length 417;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
||||||||||
Db 172 GRWPWQVSL 180

RESULT 9
US-09-636-382A-24
; Sequence 24, Application US/09636382A
; Patent No. 6514741
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Taft, David W.
; TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYP1
; FILE REFERENCE: 99-21
; CURRENT APPLICATION NUMBER: US/09/636,382A
; CURRENT FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 60/149,563
; PRIOR FILING DATE: 1999-08-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 233
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Exemplary human/mouse ztryp1 fusion polypeptide
US-09-636-382A-24

Query Match 91.2%; Score 52; DB 4; Length 233;
Best Local Similarity 77.8%; Pred. No. 0.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRWPWQVSL 9
|:|||||:
Db 10 GKWPWQVSI 18

RESULT 10
US-08-944-483-63
; Sequence 63, Application US/08944483
; Patent No. 6232456

```
3ENERAL INFORMATION:
  APPLICANT:  COHEN, MAURICE
  APPLICANT:  COLPITTS, TRACEY L.
  APPLICANT:  FRIEDMAN, PAULA N.
  APPLICANT:  GRANADOS, EDWARD N.
  APPLICANT:  KLASS, MICHAEL R.
  APPLICANT:  RUSSELL, JOHN C.
  APPLICANT:  STEWART, KENT D.
  APPLICANT:  STROUPE, STEVEN D.
  TITLE OF INVENTION:  NOVEL SERINE PROTEASE REAGENTS
  TITLE OF INVENTION:  AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
  TITLE OF INVENTION:  OF THE PROSTATE
  NUMBER OF SEQUENCES:  76
  CORRESPONDENCE ADDRESS:
    ADDRESSEE:  Abbott Laboratories
    STREET:  100 Abbott Park Road
    CITY:  Abbott Park
    STATE:  IL
    COUNTRY:  USA
    ZIP:  60064-3500
  COMPUTER READABLE FORM:
    MEDIUM TYPE:  Diskette
    COMPUTER:  IBM Compatible
    OPERATING SYSTEM:  DOS
    SOFTWARE:  FastSEQ for Windows Version 2.0
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER:  US/08/944,483
    FILING DATE:
    CLASSIFICATION:  424
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER:
    FILING DATE:
  ATTORNEY/AGENT INFORMATION:
    NAME:  Becker, Cheryl L.
    REGISTRATION NUMBER:  35,441
    REFERENCE/DOCKET NUMBER:  6183.US.01
  TELECOMMUNICATION INFORMATION:
    TELEPHONE:  847/935-1729
    TELEFAX:  847/938-2623
    TELEX:
NFORMATION FOR SEQ ID NO:  63:
  SEQUENCE CHARACTERISTICS:
    LENGTH:  248 amino acids
    TYPE:  amino acid
    STRANDEDNESS:  single
    TOPOLOGY:  linear
    LECULE TYPE:  No. 6232456e
J-944-483-63

ery Match              91.2%;  Score 52;  DB 3;  Length 248;
st Local Similarity   88.9%;  Pred. No. 0.64;
tches    8;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

        1 GRWPWQVSL 9
          | |||||||
       10 GEWPWQVSL 18


LT 11
9-023-942A-8
quence 8, Application US/09023942A
tent No. 6479274
ENERAL INFORMATION:
  APPLICANT:  (US only) ANTALIS Toni Marie and HOOPER John David
  TITLE OF INVENTION:  NOVEL MOLECULES
  NUMBER OF SEQUENCES:  30
  CORRESPONDENCE ADDRESS:
    ADDRESSEE:  SCULLY, SCOTT, MURPHY & PRESSER
    STREET:  400 GARDEN CITY PLAZA
    CITY:  GARDEN CITY
    STATE:  NEW YORK
    COUNTRY:  USA
    ZIP:  11530
```

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;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/023,942A
;      FILING DATE:  13-FEB-1998
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PO5101/97
;      FILING DATE:  13-FEB-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PP0422/97
;      FILING DATE:  18-NOV-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  International PCT Application
;      FILING DATE:  13-FEB-1998
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  DIGIGLIO,  FRANK S
;      REGISTRATION NUMBER:  31,346
;      REFERENCE/DOCKET NUMBER:  11168
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (516) 742 4343
;      TELEFAX:  (516) 742 4366
;      TELEX:  230 901 SANS UR
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  258 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-023-942A-8

  Query Match             91.2%;  Score 52;  DB 4;  Length 258;
  Best Local Similarity   88.9%;  Pred. No. 0.66;
  Matches    8;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 GRWPWQVSL 9
              |||||| ||
Db         78 GRWPWQCSL 86


RESULT 12
US-09-636-382A-15
; Sequence 15, Application US/09636382A
; Patent No. 6514741
; GENERAL INFORMATION:
;  APPLICANT: Presnell, Scott R.
;  APPLICANT:  Taft, David W.
;  TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYP1
;  FILE REFERENCE: 99-21
;  CURRENT APPLICATION NUMBER: US/09/636,382A
;  CURRENT FILING DATE:  2000-08-09
;  PRIOR APPLICATION NUMBER: US 60/149,563
;  PRIOR FILING DATE: 1999-08-18
;  NUMBER OF SEQ ID NOS: 24
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 15
;   LENGTH: 312
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: VARIANT
;   LOCATION: (1)...(312)
;   OTHER INFORMATION: Xaa = Any Amino Acid
US-09-636-382A-15

  Query Match             91.2%;  Score 52;  DB 4;  Length 312;
  Best Local Similarity   77.8%;  Pred. No. 0.8;
  Matches    7;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GRWPWQVSL 9
```

```
       |:||||||:
      52 GKWPWQVSI 60


JLT 13
)9-636-382A-2
:quence 2, Application US/09636382A
itent No. 6514741
3NERAL INFORMATION:
APPLICANT: Presnell, Scott R.
APPLICANT:  Taft, David W.
:ITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYP1
'ILE REFERENCE: 99-21
:URRENT APPLICATION NUMBER: US/09/636,382A
:URRENT FILING DATE:  2000-08-09
'RIOR APPLICATION NUMBER: US 60/149,563
'RIOR FILING DATE: 1999-08-18
IUMBER OF SEQ ID NOS: 24
:OFTWARE: FastSEQ for Windows Version 3.0
:Q ID NO 2
 LENGTH: 314
  'PE: PRT
   3ANISM: Mus musculus
.. -636-382A-2

iery Match             91.2%;  Score 52;  DB 4;  Length 314;
:st Local Similarity   77.8%;  Pred. No. 0.81;
itches    7;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

        1 GRWPWQVSL 9
          |:||||||:
       53 GKWPWQVSI 61


JLT 14
'8-681-151-1
:quence 1, Application US/08681151
.tent No. 5869637
:ENERAL INFORMATION:
  APPLICANT:  Au-Young, Janice
  APPLICANT:  Bandman, Olga
  APPLICANT:  Braxton, Scott Michael
  APPLICANT:  Goli, Surya
  TITLE OF INVENTION:  A NOVEL HUMAN KALLIKREIN
  NUMBER OF SEQUENCES:  4
  CORRESPONDENCE ADDRESS:
    ADDRESSEE:  INCYTE PHARMACEUTICALS, INC.
    STREET:  3174 Porter Drive
    CITY:  Palo Alto
    STATE:  CA
    COUNTRY:  US
    ZIP:  94304
  COMPUTER READABLE FORM:
    MEDIUM TYPE:  Diskette
    COMPUTER:  IBM Compatible
    OPERATING SYSTEM:  DOS
    SOFTWARE:  FastSEQ Version 1.5
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER:  US/08/681,151
    FILING DATE:  Herewith
    CLASSIFICATION:  435
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER:
    FILING DATE:
  ATTORNEY/AGENT INFORMATION:
    NAME:  Billings, Lucy J.
    REGISTRATION NUMBER:  36,749
    REFERENCE/DOCKET NUMBER:  PF-0074US
  TELECOMMUNICATION INFORMATION:
    TELEPHONE:  415-855-0555
    TELEFAX:  415-845-4166
    TELEX:
NFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  356 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    IMMEDIATE SOURCE:
;      LIBRARY:  HEARNOT01
;      CLONE:  307474
US-08-681-151-1

  Query Match             91.2%;  Score 52;  DB 2;  Length 356;
  Best Local Similarity   88.9%;  Pred. No. 0.91;
  Matches    8;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 GRWPWQVSL 9
              |||||| ||
Db        125 GRWPWQCSL 133


RESULT 15
US-08-681-151-3
; Sequence 3, Application US/08681151
; Patent No. 5869637
;  GENERAL INFORMATION:
;    APPLICANT:  Au-Young, Janice
;    APPLICANT:  Bandman, Olga
;    APPLICANT:  Braxton, Scott Michael
;    APPLICANT:  Goli, Surya
;    TITLE OF INVENTION:  A NOVEL HUMAN KALLIKREIN
;    NUMBER OF SEQUENCES:  4
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  INCYTE PHARMACEUTICALS, INC.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 1.5
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/681,151
;      FILING DATE:  Herewith
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Billings, Lucy J.
;      REGISTRATION NUMBER:  36,749
;      REFERENCE/DOCKET NUMBER:  PF-0074US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-855-0555
;      TELEFAX:  415-845-4166
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  638 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    IMMEDIATE SOURCE:
;      LIBRARY:  GENBANK
;      CLONE:  205011
US-08-681-151-3

  Query Match             91.2%;  Score 52;  DB 2;  Length 638;
  Best Local Similarity   88.9%;  Pred. No. 1.6;
  Matches    8;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;
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1 GRWPWQVSL 9
400 GEWPWQVSL 408

rch completed: December 16, 2003, 10:02:00
time : 15.5 secs